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Search scope: US Granted US Applications EP-A EP-B WO JP DE-A DE-C GB-A ; Full patent spec.

Years: 1990-2002

Text: fingerprint US or Int'l Class: g11b007*

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JP06092073 (^) A

INFORMATION DISTINGUISHING SHEET

MITSUBISHI PAPER MILLS LTD

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Application No. 04240726 JP04240726 JP, Filed 19920909, A1 Published 19940405

Abstract: PURPOSE: To provide an information distinguishing sheet excellent in antifalsification.

CONSTITUTION: The information distinguishing sheet concerned is prepared by adding or applying synthetic mica, the crystal lattice of which indispensably contains Fe element and the coordination lattice of which contains one or more specified elements and which absorbs ultraviolet rays, to supporting body. By applying ultraviolet rays having the wavelength of 280-400nm to the information distinguishing sheet, the random pattern of the synthetic mica is read or recorded after being turned into visible information. Thus, in the information distinguishing sheet, the information of random pattern can be identified repeatedly. Accordingly, every information distinguishing sheet having the random pattern of said pulp is 'paperprint', which corresponds to fingerprint (^) to every person. Thus, the antifalsification effect of the sheet is extremely high.

Int'l Class: B42D01510; B41M00500 G06K01910 G11B00700 G11B00724 G11B02504

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